

Web performance and quality report



http://pizoneinfotech.com/pi[...]/demo/orevon-test/index.htm

This report is provided by Dareboost, an online tool for web performance and quality analysis and monitoring.

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Summary











SIMULATED VISITOR:





Chrome Washington DC 10.0/2.0Mbps (Latency: 28 ms)

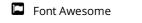


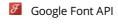
Weight by resources type

Requests by resources type

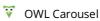


Detected technologies



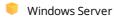






B Twitter Bootstrap





Tips and best practices

Accessibility

Did you know?

#72

■ No <noscript> tag is detected

When a web page uses scripts, it is advised to set at least one noscript tag. It is required to display a message when JavaScript is disabled by the user.

<script type="text/javascript">
document.write('Hello World!')
</script>
<noscript>Your browser does not support JavaScript!</noscript>

Well done, these best practices are respected

100/100

No empty element detected

#2569

, , <but>, <but>

Remove these empty elements from you code or decorate them with the aria-hidden attribute so that the screen readers ignore them.

Examp

100/100

#2334

This page defines a lang

Perfect. Your page defines a lang attribute that will allow screen readers to correctly understand your website.

100/100

Each form field explains its purpose

#2381

Clarify the purpose of each field will facilitate the user experience on your website.

A form is composed of several fields that must be the most explicit possible for the user to quickly understand their function.

Define a label

You should prefer using the label tag:

<label for="name">Fill your name:</label>
<input id="name" type="text" name="name">

Example

In the state of the state of

Otherwise, you can use the aria-label or the title (not supported by all screen readers) attributes. Read more. Note that using the placeholder attribute is insufficient.

All fields on this page indicate their purpose. This is a best practice.



✓ No 'refresh' <meta> tag

#2395

It is not recommended to automatically force a page refresh. This behavior disturbs users who are not able to control it.

This page does not use meta refresh tag. This is a best practice.

100/100

✓ No empty "src" attribute detected

#2410

The "src" attribute allow to access another resource. Nothing justifies their use with empty values.

All your src attributes precise a target. That's a best practice.

100/100

You specify a consistent label on your links

#2423

A link is more attractive if the text describes what is behind it. You can also take the opportunity to use keywords in these texts, to improve your page's SEO.

Describe the link in your <a> tag, rather than indicating the link itself. Example:

My description

The content of your <a> tags are different from the link itself. That's a best practice.

100/100

All labels refer to an element

#2523

The for attribute associates the label to an other element of the page, and help screen readers to better interpret your content.

Label and for attribute

A label describes an element (a text to fill, a checkbox, etc.). When a user click on a label associated with a radio button, the option will be directly selected, improving the user experience.

How to use a label?

Associate the label to an element of the page by indicating the ID of the element. Example:

```
<form action="/action">
<label for="myld">
<input type="radio" name="myOptions" id="myld" value="1" >
```



0/100

4 critical dependencies detected

#2531

The failure of a third-party content provider could bring an overall breakdown of your website.

Single Point Of Failure

A Frontend Single Point Of Failure (SPOF) is a critical dependency on a third-party content, that may block the entire display of your page in case of failure of the content provider.

As an example, if your web page uses a blocking script hosted by Google's servers, then your page is reliant on any failure from this script. Please read this blog post dedicated to SPOF for more information.

How to avoid SPOF?

As far as possible, exclude any of these dependencies, even from renowned providers. If you have to use a third-party content, ensure that you choosed an asynchronous integration and that you have a fallback in case of problem.

We are checking if the tested web page depends (in a critical way) on some of most widespread external resources (googleapis, typekit,...). That are known as Frontend SPOF (Single Point Of Failure) cases.

The following resources represent a SPOF for this page:

- fonts.googleapis.com/css?family=Montserrat:300,4[...]600,700,800&display=swap
- cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.[...]css/font-awesome.min.css
- https://cdnjs.cloudflare.com/ajax/libs/animate.css/3.7.2/animate.min.css
- cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.[...]ets/owl.carousel.min.css

0/100

Specify a character set in the response HTTP Header

#2356

The following resources have no character set specified in their HTTP headers. Specifying a character set in HTTP headers can speed up browser rendering.

• pizoneinfotech.com[...].html

Specify the character set used in the Content-Type HTTP header allows the browser to parse immediately the page.

Well done, these best practices are respected

100/100

✓ Your HTML response is not too heavy

#2566

Why reduce the code amount of a page?

Before a web page can be displayed, the browser must, among other things, download it, parse it and model it into a document that can be understood by the rendering engine. If the amount of code contained in the page is too large, these steps are slowed down and the rendering is delayed.

How to reduce the amount of code?

Your HTML response should contain only the information that is immediately necessary to display the visible area of the page. Move inline information to external files (JS for scripts, CSS for styles, asynchronous queries for additional content) and simplify the HTML structure of your page.



▼ Your JavaScript resources don't block your page loading

#2353

JavaScript can significantly slow down a page display, especially if it is necessary to download an external script.

Defer the use of JavaScript as much as possible to provide a faster start for the page display.

How can I fix this?

First of all, distinguish what portions of your JS is critical and must be loaded as soon as possible, and put them in a specific external file. Keep this file as streamlined as possible, and defer the parsing or execution of all other JS files (learn more).

Use one of the methods below to defer parsing for external JavaScript files:

- use the async attribute;
- use the defer attribute;
- append the script to the DOM in JavaScript during the onload event;
- make sure your scripts are placed at the bottom of the page (ideally at the end of the body).

100/100

Keep-Alive is enabled

#2355

Keep-alive allows to send and receive several requests using the same TCP connection (activated by default in HTTP 1.1).

100/100

✓ You do not use CSS @import

#2370

Using CSS @import allows to add external stylesheet. In fact browsers cannot download them at the same time, this may add a delay to the rendering of the page. It is better to use the link tag. See more information.

100/100

▼ You do not use a useless "http-equiv" <meta> tag

#2405

HTTP headers are more efficient than the http-equiv meta tags.

The <meta http-equiv=""/> tags

The http-equiv meta tags allow to communicate to the web browser information equivalent to the ones of HTTP headers. For example, the meta <meta http-equiv="content-type"/> will have the same consequences than the HTTP Content-Type header.

Two points don't stimulate the use of http-equiv meta tags:

- Going through the meta requires to interpret the beginning of the HTML page, which is slower than going through the HTTP headers in terms of performance
- If the HTTP header is already present, the meta is ignored

In which cases are the <meta http-equiv=""/> useful?

Only one case can justify the presence of these meta tags: if you don't have access to the configuration of your server, and that is to say to the HTTP headers.

However, we advice you to use a configurable server so that you can establish the most efficient site possible.

This page does not contain a http-equiv meta tag. That's a best practice.

100/100

#2416



▼ This page uses an appropriate number of DOM elements

The number of DOM elements influences the complexity of the webpage and DOM access in JavaScript.

A well-designed webpage can offer rich content while maintaining a reasonable number of DOM elements. Read more about this here.

We recommend creating pages that contain less than 1000 DOM elements.

There are 333 DOM elements on this page.

100/100

#2445

You don't execute the same script several times

A library or an external script are usually intended to be called once per page. However, the use of widgets can lead to several useless executions.

Duplicate scripts

It is common to see scripts used multiple times within the same page. The most common case is the integration of social networks widgets. It can be useful to find them several times on the page. That is not a bad practice, however you should be careful that those scripts don't slow down your page.

What happens when a script is included 2 times in the code? How many times is it loaded? Parsed? Executed?

Most modern web browsers download only once a script included 2 times. An exception persists: Firefox, which will load the resource as many times as mentioned if no effective caching policy is configured.

Apart from this exception, performance issues come during the parsing and execution of the scripts. Indeed, if a script is placed three times in the code, it will be parsed and executed 3 times, on all browsers.

Do not hesitate to read this article on that topic.

How to fix it?

There is a solution to use a script several times without parsing and executing more than once. You need to write some JavaScript code that checks if the script is present. If the script is already included, it just uses it, otherwise it injects it and

Consider the following example with the Facebook widget, described in the article. Whenever you want to integrate this functionality into your page, it is necessary to include the following code:

```
(function(d, s, id){
var js, fjs = d.getElementsByTagName(s)[0];
if (d.getElementByld(id)) {return;}
js = d.createElement(s); js.id = id;
js.src = "//connect.facebook.net/en_US/sdk.js";
fjs.parentNode.insertBefore(js, fjs);
}(document, 'script', 'facebook-jssdk'));
```

The bold line checks the presence of the script in the document. So the script is included, parsed and executed only during the first call in the page. Other calls will fall in the case of the bold line, and therefore will just use the script that is already included and executed.

100/100

▼ The page don't use client-side redirection

#2539

No client-side redirection (window-location, meta refresh...) has been triggered to display the page. Client-side redirections are to be avoided in any way possible.



▼ Your scripts seem to be injected efficiently

#2550

The script injection through the document.write instruction delays the rendering of your page and/or the interactivity for

Do you need to inject a script?

document.write is sometimes used to inject a script. That is a bad practice. Example:

 $\label{local-continuity} document.write('<script src=''' + src + ''' type="text/javascript"><\/script>');$

As described in this article, you should prefer the "createElement-insertBefore" pattern:

var sNew = document.createElement("script"); sNew.async = true; sNew.src = "http://ajax.googleapis.com/ajax/libs/jquery/1.5.1/jquery.min.js"; $var\ s0 = document.getElementsByTagName('script')[0];$ s0.parentNode.insertBefore(sNew, s0);

On this page, no document.write injects a script.



46/100

Specify a 'Vary: Accept-Encoding' header

#2352

The following publicly cacheable, compressible resources should have a "Vary: Accept-Encoding" header:

• pizoneinfotech.com[...]o.svg

The Vary: Accept-Encoding header allows to cache two versions of the resource on proxies: one compressed, and one uncompressed. So, the clients who cannot properly decompress the files are able to access your page via a proxy, using the uncompressed version. The other users will get the compressed version.

Well done, these best practices are respected

100/100

▼ You do not use too long inline scripts

#70

Any script with a significant size should let the browser cached them in order to reduce loading time/improve performance of your returning visitor.

Inline scripts / cache policy

"inline" scripts allow to integrate easily small portions of scripts directly in the HTML code. Example:

By doing so, you avoid making a request to the server to retrieve the resource. So inline scripts represent a performance gain if you want to integrate small scripts.

However, once a script has a fairly substantial size, we advise you to outsource it and perform a request to retrieve it. So you will benefit from the cache mechanism.

What should I do?

Outsource your scripts with more than 1500 characters in one or more separate files.



▼ You specify 'Expires' headers

#2430

The Expires header is essential for an efficient caching policy. It will significantly impact on the loading time for returning visitor.

The Expires header explained

You can set an expiration date for each resource: as long as the date is not exceeded, the browser stores and uses the resource in cache.

The expiry date of resources is set using the **Expires** HTTP header:

Expires: Thu, 25 Dec 2014 20:00:00 GMT

xample

You can set a far expiry date for static resources (1 year maximum), and a closer date for resources that change more frequently (at least 48 hours).

When you **deploy a new version of your website, remember to rename static resources** that have been modified. If you do not change their names, your users will keep resources corresponding to the old versions stored in their caches, and they may find themselves on an unstable version of your page. For example:

myresource.min.20140101.js

Example

See the Yahoo! guidelines on this subject.

Congratulations! Your resources are cached thank's to the 'Expires' header.

100/100

▼ The cache duration is greater than 48 hours

#2437

Defining several days of cache retention for your static resources will reduce the load on your server.

The Expires header explained

Some of your resources use the Expires HTTP header to get an effective caching policy—this is a best practice. However, you should consider improving its configuration to make the most of the caching mechanisms. Here is an example of the Expires HTTP header:

Expires: Thu, 25 Dec 2014 20:00:00 GMT

Examp

When you **deploy a new version of your website, remember to rename static resources** that have been modified. If you do not change their names, your users will keep resources corresponding to the old versions stored in their caches, and they may find themselves on an unstable version of your page. For example:

myresource.min.20140101.js

Example

Read the Yahoo! guidelines on this subject.

Recommended Expires header setting

We recommend setting the **Expires** HTTP header so the date is between 2 days and 1 year.

Your resources are cached at least 2 days.



Well done, these best practices are respected

100/100

▼ No frameset, frame and noframes tags detected

#80

These tags are obsolete, due to several issues related to the navigation consistency, SEO or browsers' bookmark features for example.

None of these tags is detected on this page.

The use of the iframe tag is prefered.

100/100

No Java applets detected

#82

Java applets are considered obsolete in 2015. HTML5 is powerful and more widely supported. Using Java applets can lead to compatibility issues and may send negative signals to your users (eg the browser indicating that content was blocked because it could be dangerous).

Congratulations, this page doesn't contain Java applets.

100/100

✓ Do not use
bgsound> tag

#89

No bgsound tag detected. This is a good practice: this element is not a HTML standard. See more information.

Use the audio tag to deliver audio content on your page.

```
<audio src="my-audio-file.ogg" autoplay>
Your browser doesn't support the audio element.
</audio>
```

100/100

✓ You do not use links to Word documents

#99

.doc and .docx documents do not guarantee compatibility with all major operating systems. It's recommended to use PDF documents.

This page contains only standard links.

100/100

✓ No deprecated attributes are detected in the <body> tag

#2382

Some layout attributes are deprecated in HTML 5: alink / background / bgcolor / link / text / vlink

Congratulations, this page doesn't use deprecated attributes in the body tag.

Prefer using CSS instructions instead.

No BOM (Byte Order Mark) detected

#2424

Some parsers are not able to interpret a page with a BOM in it.

What is the BOM?

The BOM is a hidden character located in the beginning of the page, aiming at helping to determine what encoding the page uses. But the best practices of the web prompt the use of the HTTP Content-Type header in order to define the encoding used by the page. The BOM has no reason to be in this context.

Aside the fact that this kind of indicator is useless on the web, it can lead to a certain number of issues. This is the case for example of the W3C validation that is going to try to interpret the first character which corresponds to the BOM. Then, the document will not be valid.

No resource use a BOM.

100/100

No Flash resource detected

#2488

Flash is considered obsolete in 2015. HTML5 is more powerful and more widely supported. Using Flash can lead to compatibility issues and may send negative signals to your users (eg the browser warning that content was blocked because it could be dangerous).

Moreover, Google shows directly in its mobile search results that the page may not work on the user's device.

Congratulations, this page doesn't contain Flash resources.

100/100

Silverlight plugin is not used

#2493

Silverlight plugin is considered obsolete in 2015. HTML5 is more powerful and more widely supported. Using Silverlight plugin can lead to compatibility issues and may send negative signals to your users (eg the browser indicating that content was blocked because it could be dangerous).

Congratulations, this page doesn't use Silverlight plugin.

100/100

The EOT font format is well declared

#2494

Make sure that the EOT format will be well used for your visitors using Internet Explorer <= 8.

Use the EOT format for Internet Explorer <= 8

The web browsers (Firefox, Chrome, Safari, Internet Explorer, Opera ...) do not support the same font formats. Your goal is to use the lightest possible format for each platform. When you use a font, you can specify several formats, via the @fontface CSS instruction: so the browser will use the first supported format.

This is true for all browsers except Internet Explorer <= 8, that misinterpret the @font-face instruction: it will use only the first format declared. And the lighter font format for this kind of browser is the EOT format.

How to use EOT format only for IE <= 8?

Only Internet Explorer supports the EOT format. So declare it in first position in the of ont-face 's src property: Internet Explorer will be able to understand that it must use the EOT format, and other browsers, that do not support EOT, will use another format. Here is an article about this topic to help you to determine the right order to declare your fonts. TL; DR order to respect for your webfont formats: EOT, WOFF2, WOFF, TTF, and SVG.

All fonts with EOT format are placed in first position in the @font-face instruction.



0/100

Reduce the page weight (3.3MB)

#2443

The page weight is too high, slowing down its display, especially on low speed connections. This can lead to frustration for users paying for data (see whatdoesmysitecost.com).

Evaluate the Weight of my Web Page

In February 2016, the average weight of 100 most visited websites in the world was 1,38MB.

How to reduce the weight of my page?

You can report to our "Data amount" category to discover the possible optimizations in your case. Images are often

Moreover, make sure to build your web pages in order to load data that is essential to the user experience (rendering optimization of the critical path).

For other contents (social networking plugins, advertising, content at the bottom of the page ...), it is better to delay the loading (asynchronous, lazy-loading ...), so they don't override priority contents.

We have established the weight distribution of the page by resource type:

• Images: 89,37% of total weight • Font: 3,19% of total weight • Others: 3,18% of total weight • JavaScript: 2,37% of total weight • CSS: 1,62% of total weight • Texts: 0,28% of total weight

Here is the weight of the 10 heaviest resources over the network, and that are necessary to load the page:

- pizoneinfotech.com/pizoneinfotech.co[...]/rel-img/no-2.png (515 kB)
- pizoneinfotech.com/pizoneinfotech.co[...]/rel-img/no-3.png (487 kB)
- pizoneinfotech.com/pizoneinfotech.co[...]/rel-img/no-1.png (447 kB)
- pizoneinfotech.com/pizoneinfotech.co[...]/expertise-bg.jpg (407 kB)
- pizoneinfotech.com/pizoneinfotech.co[...]g-img-apopros.jpg (248 kB) • pizoneinfotech.com/pizoneinfotech.co[...]g/landing-img.jpg (238 kB)
- pizoneinfotech.com/pizoneinfotech.co[...]g-img-contact.jpg (235 kB)
- pizoneinfotech.com/pizoneinfotech.co[...]img/about-eco.png (139 kB)
- pizoneinfotech.com/pizoneinfotech.co[...]el-img/FOOTER.jpg (120 kB)
- cdnjs.cloudflare.com/ajax/libs/font-[...]nt.woff2?v=4.7.0 (77 kB)

0/100

Use a better file format for your fonts

#2500

Be sure to deliver the lightest possible font format.

Declaring several font formats

Web browsers such as Firefox, Chrome, Safari, Internet Explorer, and Opera do not support the same font formats. Your goal is to use the lightest possible format for each platform. When you use a font, you can specify several formats via the @font-face CSS instruction. This enables the browser to use the first compatible format that it supports.

How to declare your font formats?

Check if your formats are well ordered in the often byou to property. Here's an article about this topic to help you to determine the right order to declare your fonts. TL; DR preferred order of webfont formats: EOT, WOFF2, WOFF, TTF, and SVG

The following resources are fetched, however you should consider using the WOFF2 format:

- pizoneinfotech.com/pizoneinfotech.com/demo/orevo[...]onts/FuturaStd-Medium.otf
- pizoneinfotech.com/pizoneinfotech.com/demo/orevo[...]/fonts/FuturaStd-Book.ttf



The favicon is too heavy

#2490

The favicon must be as lightweight as possible.

The favicon on the web

This small image allows you to display a logo on the browser tabs for instance.

How to fix the issue?

A favicon should be < 10kB.

The favicon (http://pizoneinfotech.com/favicon.ico) is too heavy (21kB).

The other tips

90/100

Enable compression

#2384

Compressing resources with gzip or deflate can reduce the number of bytes sent over the network.

Enable compression for the following resources to reduce their transfer size by 4.7KiB (68% reduction).

• Compressing pizoneinfotech.com[...]o.svg could save 4.7KiB (68% reduction).

IIS This page is delivered by an IIS server. Check if it uses the good options.

Did you know?

#2436

You serve scaled images

Images must not be delivered larger than they are actually displayed to avoid loading unnecessary data.

Resizing images explained

Resizing images on browser side to reduce their rendering size is not recommended.

For instance, if your image is set to render at 300px by 300px on a particular page, don't upload the original 1000px by 1000px version of that image to your page. Instead, resize/crop the image to fit the display size and then upload it to your site to decrease the page weight and loading time.

Using images with responsive designs or retina screens?

Responsive website designs and retina screens do not justify an image resizing. Even in such cases, some methods exist to deliver your pictures to the right size. We recommend reading the following resources:

- Introduction to responsive images
- · Picturefill, to start using the <picture> element
- RICG, group of developers working on responsive images

Good job! No image resize have been detected. This is ideal for reducing page weight and loading time.

On this page, 3 images are resized by less than 35%. This can be consistent in a Responsive Web Design website, so this best practice does not penalize the following resources, but please make sure that they do not affect the page performance:

- pizoneinfotech.com/pizonein[...]SYSTEME.png (displayed size: 988x265)
- pizoneinfotech.com/pizonein[...]ser-img.png (displayed size: 268x369)
- pizoneinfotech.com/pizonein[...]/f-logo.png (displayed size: 283x71)

Well done, these best practices are respected



✓ All your resources are served from a consistent URL

#2325

Resources with identical content should be served from the same URL to avoid duplicate downloads and additional

Different URLs for the same resource

If you use different URLs to serve identical content, browsers have to request this content from the server several times, and your page will trigger unnecessary requests for data. If the same URL is used, the browser will only send one request and will use the response wherever the resource is requested. You should also use the same URL to reference the same content on several pages to benefit from the cache mechanism.

How to fix this?

Serve each resource from a unique URL. If you have to request the same resource several times, the same URL should be used to retrieve it every time.

100/100

You do not need to minify the HTML resources

#2364

Compacting HTML code, including any inline JavaScript and CSS contained in it, can save many bytes of data and speed up download and parse times.

Minify HTML for the following resources to reduce their size by 1.7KiB (25% reduction).

• Minifying pizoneinfotech.com[...].html could save 1.7KiB (25% reduction).

You get 100/100, while your resources are not minified? It means that we considered that the gains provided by the minification process were not significant enough to be reported.

100/100

Your CSS resources are minified

#2387

Compacting CSS code can save many bytes of data and speed up download and parse times.

Minify CSS for the following resources to reduce their size by 1.0KiB (11% reduction).

• Minifying pizoneinfotech.com[...]e.css could save 1.0KiB (11% reduction).

There are many tools to minify CSS files. You can try YUI Compressor or cssmin.js, recommended by Google.

If you want to know more about the CSS minification, do not hesitate to read this article on the subject!

100/100

▼ Your JavaScript resources are minified

#2388

Your JavaScript content is minified. Learn more about minifying JavaScript.

There are many tools to minify JavaScript files. You can try YUI Compressor or JSMin, recommended by Google.

100/100

Your images are optimized

#2389

Your images are optimized. Learn more about optimizing images. Images may contain data unnecessary for their use on the web. This data can increase their size significantly. Some tools automatically remove this unnecessary data without loss of quality and thus reduce your image sizes.

We recommend removing unnecessary image data using a tool such as jpegtran (JPEG files), OptiPNG (PNG files) or ImageRecycle.



▼ No cookies are sent on static resources

#2414

You send some unnecessary data on the network through cookies on static resources.

Cookies and static resources

Cookies are used to customize the content of a page depending on the user profile. There is no need to send this kind of information when requesting resources that deliver always the same content (static resources).

The requests to images, JavaScript or CSS resources do not need to use cookies.

How to fix the issue?

Do not use cookies on static resources requests. However, some domain names require the sending of cookies on all resources. In that case, you can create an other domain name that will deliver your static resources. Example: static.mydomain.com

100/100

✓ All your resources have a size < 1MB</p>

#2421

Too heavy files should not be loaded on a web page. Be sure you need this resource to load the page. You should probably consider some of the following actions:

100/100

Lazyloading is set (or not required)

#2446

Load images above the foldline first, that means all the images that are visible without any scroll of the page by the visitor.

Webpage and images

Images use to represent more than 60% of the total weight of webpages. By loading initially the only images that are visible without page scrolling, you'll reduce bandwith consumption as for your server and your visitors. If an image has to display after any visitor's action (as scrolling), then you'd better load it on demand, when necessary (lazyloading).

How to set up lazyloading?

You can get informations concerning the features and plugins proposed by your page's frameworks/CMS. You should find some easy-to-set solutions. Some Javascript libraries could help you to implement lazyloading too.

SAs an example, with jQuery you could use a plugin dedicated to images lazyloading.

4 images (209kB) loading can be delayed on this page, representing 7% of the total weight of all your images.

- http://pizoneinfotech.com/pizoneinfotech.com/demo/orevon-test/img/ECOSYSTEME.png
- http://pizoneinfotech.com/pizoneinfotech.com/demo/orevon-test/img/user-img.png
- http://pizoneinfotech.com/pizoneinfotech.com/demo/orevon-test/img/f-logo.png
- http://pizoneinfotech.com/pizoneinfotech.com/demo/orevon-test/img/about-eco.png

100/100

▼ This page do not send cookies > 100kB

#2450

Keep the size of cookies as low as possible to minimize the impact on the loading time.

HTTP cookies are used to track a user to costumize the page according to their profile. They are sent as a HTTP header from the web server to the browser. Then, each time the browser accesses to the server, it sends a request containing the cookie received at the first response. See more information.



▼ This page does not send too many cookies

#2453

Keep the size of cookies as low as possible to minimize the impact on the loading time.

HTTP cookies are used to track a user to costumize the page according to their profile. They are sent as a HTTP header from the web server to the browser. Then, each time the browser accesses to the server, it sends a request containing the cookie received at the first response. See more information.

100/100

13 images use the PNG format in the right way

#2461

The choice of the right format for an image allows to reduce its weight.

The PNG format

The PNG image format is intended to the images requiring the transparency, or else to the small images having little details and colours.

Prefer the IPEG format...

The main problem of PNG format is to not support quality loss. Indeed, a format such as JPEG offers to "downgrade" the quality of the image without being perceived by the user. Doing so, you can reduce the quality of the image of about 25% whithout the user realizes it.

An image with an consequent weight will be therefore better compressed by using the JPEG format.

...or the PNG-8 format

In the case where your image necessarly requires using the transparency mecanism, not borne by the JPEG format, you should convert your "standard" PNG image, into PNG-8. This format, based upon a 256 color palette maximum allows to decrease the weight of the image whithout significantly affecting its overall quality. Tools such as pngquant or else tinypng will suport you in this procedure.

At last, if the quality given by the PNG-8 format is not appropriate for your image, you can get information on the possible advanced technics to get this behaviour without having an image in PNG format. For example, it is possible to halve your image in 2 JPEG images, one including the transparency data and the other one including the data related to the colours, and to gather the image on the customer's side with a CANVAS element.

For further information, please visit this article about image compression.

The choice of the PNG format on the images of this page doesn't have negative effect.

100/100

▼ Redirects are lightweight

#2486

A HTTP redirect's content is not used by web browsers. So, it provides an unnecessary weight that should be as small as possible.

Redirects on the web

Redirects can be temporary (302 HTTP code) or permanent (301).

This mechanism is for example used for secondary domains (.net to .com), the language detection mechanisms, etc.

How to fix the issue?

First ensure that the redirect is unavoidable. In this case, it is necessary to reduce or completely remove the contents of the server responses for redirects.

A redirect should be < 1kB.

There isn't too heavy redirect.



✓ HTTP error responses are lightweight

#2487

The content of a HTTP error response is not used by web browsers. So, it provides an unnecessary weight that should be as small as possible.

Responses in error on the web

The resources that can be reached by the browser return a HTTP code between 400 and 599.

How to fix the issue?

First, you have to avoid to request resources that return an error. Moreover, reduce or completely remove the contents of the server error responses.

A response error should be < 10kB.

There isn't too heavy resources in error.



92/100

Group 2 JavaScript files

#2418

Each HTTP request affects the performance of your webpage (e.g., roundtrip time and bandwidth usage).

For example, it is better to request a unique 50 kB file instead of requesting 10 files that are 5 kB in size.

How should I distribute scripts?

Distribute your scripts by integrating them directly into your HTML or grouping them in files. We recommend using the latter method to take advantage of caching mechanisms.

You should consider grouping the following resources:

- pizoneinfotech.com/pizoneinfotech.com/d[...]e-nav/mobile-nav.js
- pizoneinfotech.com/pizoneinfotech.com/d[...]von-test/js/main.js

Did you know?

#2543

Resources distribution by domain

This page loads data from 5 domains. This best practice retrieves the following metrics for each of these domains:

- Loading Time (Cumulative): total time spent to load all the resources
- Server Time (Cumulative): total time spent to retrieve the responses from the server (TCP connection + wait for first byte)
- Weight: data amount loaded
- Number of requests

Here is the list of all the domains used by the page:

Domain	Time (ms)	Server Time (ms)	Weight (kB)	Requests
pizoneinfotech.com	25612	8956	3022	27
cdnjs.cloudflare.com	1002	638	140	10
fonts.gstatic.com	451	198	77	4
stackpath.bootstrapcdn.com	336	211	46	2
fonts.googleapis.com	140	116	1	1

Well done, these best practices are respected

100/100

No redirect detected

#2339

The redirects trigger avoidable roundtrips on the network and increase the page loading time.

HTTP redirects

The HTTP redirects allow to specify that the desired content is accessible from a different URL. They trigger a new HTTP request to retrieve the target resource and return a HTTP code between 300 and 399. See the specifications of HTTP redirects.

How to solve the issue?

Allow the user to directly access your content without redirects, or determine and improve what causes these excessive loading times on your redirects. See recommendations from Google.

This page does not use redirects before accessing the right content.



Only reachable resources are requested

#2344

You should avoid requesting unreachable resources.

All of the page's resources are reachable.

These errors can affect content on and behaviors of your website and cause unnecessary network traffic, which affects the loading time of your page.

100/100

✓ You do not use too much "prefetch" on the links

#2403

No resource is prefetched on this page.

You should limit the number of prefetched requests to avoid a network overload. Identify your users behaviour to prefetch the most requested resources.

Note that some browsers automatically block the number of prefetched resources. For instance, Internet Explorer 11 limits this mechanism to 10 requests.

100/100

▼ Your CSS files are well distributed

#2419

Each HTTP request affects the performance of your webpage (e.g., roundtrip time and bandwidth usage).

For example, it is better to request a unique 50 kB file instead of requesting 10 files that are 5 kB in size.

How should I distribute styles?

Distribute your styles by integrating them directly into your HTML or grouping them in files. We recommend using the latter method to take advantage of caching mechanisms.

You make requests to CSS files wisely.



You use CSS sprites

#2442

Combining images into CSS sprites reduces the number of files the browser has to download and accelerates the loading

CSS sprites explained

A CSS sprite is a single file in which several smaller images are grouped and positioned one beside the other. You can display each small image in your page by applying CSS styles, and a single request is necessary to recover all the images. Use this method only for small images, such as icons, so the CSS sprite is not too heavy.

Example

Here is a CSS sprite example :









The page also applies the styles associated with the sprite:

```
.sprite {
  background-image: url(img/sprite.png);
  background-repeat: no-repeat;
  display: block;
.sprite-browsers-firefox {
  width: 31px;
 height: 28px;
  background-position: -74px 0;
```

Then you have just to define the right class in your HTML file, and the icon appears:

```
<span class="sprite sprite-browsers-firefox"></span>
```

How should I create CSS sprites?

Their creation can be complex, so we recommend using tools that easily generate them for you. Here are a few sprite generators:

- https://draeton.github.io/stitches/
- http://spritegen.website-performance.org/

100/100

None of your images uses only one color

#2466

One request to an image composed of a unique color unnecessarily increases the data amount transmitted on the network.

It is useless to retrieve an image composed of a unique color. The CSS style sheets allow to render the same result at a lower cost.

For instance, to draw a simple circle, you can use the following code :

```
#myElement {
background:#ff0000;
border-radius:50%;
width:160px;
height:160px;
```

All the images of this page are composed of several colors.

0/100

1 2 resources has a non-consistent extension with its actual content

#2448

The extension of a resource allows to identify easily its content type. You have no reason to indicate a different extension of the actual content type of the resource.

For instance, the file resource.js must use a Content-Type HTTP header equal to application/javascript . You can check the Content-Type HTTP header value using a debugger tool (e.g.: DevTools on Chrome).

This page contains 2 resources that use extensions that aren't consistent with their Content-Type HTTP headers:

- pizoneinfotech.com[...]k.ttf (detected: application/octet-stream | recommended: font/ttf)
- cdnjs.cloudflare.c[...].7.0 (detected: application/octet-stream | recommended: font/woff2)

Did you know?

#71

No HTML code is commented

Comments allow you to detail a portion of code and help you navigate more efficiently in the DOM. However, make sure no sensitive information is exposed in your comments.

Well done, none of your comments contains HTML code.

Well done, these best practices are respected

100/100

You provide a favicon

#2379

Well done, you defined a favicon on this page.

Favicon is a small image providing an icon to a website. It's located in the root of your server and the browser will always request it. It is better not to respond with a 404 HTTP code (not found).

Moreover, this file will be asked on every requested web page, so make it cachable: the client will request it only once. See more information.

100/100

▼ The CSS styles are separated from the HTML tags

#2383

 $Separating \ HTML \ tags \ and \ CSS \ directives \ improves \ code \ readability \ and \ promotes \ factorization.$

How to define CSS styles

CSS styles are used to format the page. You can use one of three main methods to define them:

- declare styles in a specific CSS file;
- declare "inline" styles (<style> tag in your HTML template);
- declare styles with the "style" attribute of a HTML tag.

How can I improve my page?

We recommend grouping your CSS styles in <style> tags or in separate files. That way, the HTML is only responsible for providing the structure of the page, and its layout is outsourced. The <style> attribute should only be generated by some JavaScript code (e.g., if you need to know the screen size).

This page does not use the style attribute.



✓ You do not gzip/deflate PNG images

#2398

Compression has a cost, on the server and the client browser. So you should enable it only if it is effective.

PNG and compression

PNG images does not support gzip compression. It is useless to perform compression operations on server side, and decompression on client side for this kind of files.

This page does not compress images. This is a best practice.

100/100

All resources define their content type

#2449

Each resource should define its content type in order to facilitate their interpretation by web browsers.

You have no reason to hide the type of a resource.

We advise you to set the "Content-Type" HTTP header on every resources of the page.

100/100

☑ IDs within your HTML code are unique

#2491

Using the same ID on several elements can have side effects, especially during JavaScript executions or when applying CSS rules

IDs explained

Each element of a web page can be identified thanks to the id attribute:

```
<span id="mySpan1"></span>
```

These IDs allow you to manipulate your elements with CSS or JavaScript instructions.

How to properly use IDs?

You must ensure identifiers are not duplicated within the page. If you want to share a property or a behavior between multiple items, you have to use the class attribute, which is dedicated to this purpose:

```
<span class="mySpans"></span><span class="mySpans"></span><</p>
```



0/100

Add <h1> title in your content

#78

We recommend putting page keywords in at least the h1 and h2 tags. Search engines use the h1, h2, and h3 tags for SEO purposes.

This page contains:

- 16 <h2> element(s)
- 1 <h3> element(s)

Did you know?

#2457

11 This page contains 3 links

Two kind of links exist:

- Internal links that refer to pages with the same domain name;
- External links that point to other websites (must be relevant and point towards quality content).

If you reference many links, you can ask the SEO crawlers to consider only some of them, by adding the rel=nofollow attribute to the irrelevant ones (e.g., advertisements).

Here is the distribution of 3 links present in the page:

- 3 internal links (100,00%)
- No "follow" external link (0,00%)
- No "nofollow" external link (0,00%)

Well done, these best practices are respected



▼ Your tags use an alt attribute, but 9 are empty

#69

Moreover, the alt attribute is also an important criterion for SEO. Indeed, search engines crawlers cannot parse graphic contents. That is why they use the alternative text to return consistent results, like in Google images.

The alt attribute is used in several cases unrelated to SEO:

- When a screen reader is in use for accessibility purposes;
- While image is loading, particularly for slow connections;
- When the image file is not found.

You have 9 img tags and they all have the alt attribute.

Warning, you should also note that 9 of your images contain an alt attribute, but they are empty:

-
-
-
-
-
-
-
-
-

If nothing seems appropriate for describing an image, you might set an empty text. We advise you to make sure the majority of your images define a relevant text. Read the W3C recommendations here.

100/100

This page uses only standard image formats

#81

The images that use a non-standard format may not be indexed by search engines.

Only these image formats are considered standard on the web: jpeg, jpg, png, gif, svg, ico, webp. You should consider an alternative to any other format.

Moreover, remember to treat the text around your images: some search engines analyze approximately the 10 words preceding and following the image in order to add a context to the image.

▼ This page specifies a <title> tag

#83

The page should define a unique title (using a <title> tag).

Use of titles by search engines

Once properly configured, the page title can be displayed in the search engine results page:

Amazon.com: Online Shopping for Electronics, Apparel, Computers ... https://www.amazon.com/ Traduire cette page
Online retailer of books, movies, music and games along with electronics, toys, apparel, sports, tools, groceries and general home and garden items. Region 1

Using a suitable title is a major criterion for SEO. It allows you to control at best what is displayed in search results pages, and determine the keywords you want your site pops out.

How to define the title of a web page?

The title of the page is specified into the <title> tag, which must be placed into the <head> tag, at the beginning of the code.

This page defines a title the title tag.

Here is the page's title:

OREVON

100/100

You have defined a <meta> 'description'

#84

The page should define a unique description.

Description in search engines

The description of the page may be directly displayed in search engine results pages (SERP):

Amazon.com: Online Shopping for Electronics, Apparel, Computers ... https://www.amazon.com/ ▼ Traduire cette page

groceries and general home and garden items. Region 1

It allows you to control at best the entry preview in search engines, and to improve the click rate to your page. Learn more.

How to define a page's description?

Use <meta name="description" content="page description"> and place it in the <head> tag.

This page defines one <meta> description:

We have created a rich and comprehensive ecosystem to maximize the chances of successful startups.

100/100

You do not use query strings in the URL

#90

This URL does not contain any parameter.

A URL should be as readable as possible. For instance, http://example.com?userld=332&group=MyGroup is less readable than http://example.com/mygroup/me.

The words are well separated in this URL

#2345

You should prefer the use of dashes in the URL.

URL and SEO

The words in the URL are among the many factors impacting the SEO: if you search the words web performance in a search engine, one criterion used by Google will be to check if the URL contains the words performance and web.

But for Google, underscores are not word separators: If your URL contains web_performance it will not help to highlight the page on the query web performance (web_performance is regarded as a unique word).

This behavior is however not common to all search engines. For example, Bing does not differentiate dashes and

Please note that Google does not penalize you for using an underscore in the URL.

How to resolve the issue?

We recommend using - instead of _ on your new web pages.

This is more complex fix the issue on existing web pages, such as the one analyzed here, because you can't just rename the URL (you will lose all your SEO efforts). It is then necessary to set up a permanent redirect (HTTP code 301) retaining the old URL, that forwards to the new URL. Beware: many redirects on your site can also affect the visibility of your web pages. So do not use redirects if the number of relevant pages remains limited.

This URL respects the tip.

100/100

Your site uses Open Graph properties

#2399

You can help social networks understand information related to the page by using Open Graph properties.

The Open Graph properties explained

Several properties allow social networks to learn more about the page's content. We recommend using at least the required properties:

•	<meta content="The title" property="og:title"/>	Example
•	<meta content="The type" property="og:type"/>	Example
•	<meta content="http://url.com/" property="og:url"/>	Example
•	<meta content="http://image.jpg" property="og:image"/>	Example

This information is used to improve links between your page and various social networks, including Facebook. Read more about Open Graph here.

This page provides information to social networks.

100/100

✓ Your <meta> 'description' has a good length

#2432

This page defines one <meta> description which contains between 20 and 300 characters:

We have created a rich and comprehensive ecosystem to maximize the chances of successful startups.

This description is used in search engine results pages (SERP), such as Google results, to indicate a short informative text about the page:

Amazon.com: Online Shopping for Electronics, Apparel, Computers ...

https://www.amazon.com/ - Traduire cette page

groceries and general home and garden items. Region 1

Search engines do not necessarily use the description you provide to them. If the description seems irrelevant, they'll use other criteria to describe your page. However, you will not be penalized by Google if your text is too long or too short. See



▼ Your <title> tag is an appropriate length

#2444

This page defines one title which contains less than 75 characters (see more information):

OREVON

The longer your title is, the more your chances are to see the search engines to truncate it or even to select another one from your page content.

100/100

None of your titles are empty

#2467

<h1> , <h2> and <h3> tags should contain keywords related to the content.

The titles included on this page provide a content.

100/100

vobots.txt file is well defined

#2503

Indicate to web crawlers which URLs should be explored on your website.

The robots.txt file

Place your robots.txt file in the root of the website. It will be interpreted by the robots in charge of your SEO. It delivers instructions to specify the pages to explore by robots, like Google bot.

Note that these directives are indicative only. A lambda robot will not be blocked by the restrictions specified by the file.

We detected a robots.txt file on this website.



0/100 #2548

You should use a secure connection (HTTPS)

HTTPS guarantees the confidentiality and security of communications over the internet: data is encrypted, so protected against attacks and data corruption.

Google is multiplying its actions to push more and more websites towards HTTPS. Google first added HTTPS in its SEO criteria (see the announcement). Since then, Chrome has been evolving and now highlights the absence of a secure environment in various cases where information is collected from users. Other browsers are also following this trend.

Setting up HTTPS on a website sometimes causes some reservations (cost, impacts on performance, compatibility with technical partners...). But the market has changed in recent years and you should not worry about migrating to HTTPS. You should consider switching your site to HTTPS.

How to set up the HTTPS protocol

You have to set up a certificate you got from a reliable certification authority. Learn more by contacting your website host who can help you getting this certificate. Besides, the following page help you in your migration procedure to the HTTPS protocol.

A free certificate? Try Let's Encrypt!

Let's Encrypt is a free, automated, and open certificate authority. Many hosting providers offer to enable the generation and automatic renewal of free certificates directly from the administration interface of your domain. Contact your website host for more information.

0/100#2433

The Content Security Policy is missing

Protect you website from cross-site scripting (XSS) attacks by setting up a restrictive Content-Security-Policy.

XSS attacks explained

XSS attacks are a type of attack in which malicious data is maliciously added to websites. The number of vulnerabilities allowing these attacks is quite large, which is why it is as useful to prevent them as to limit their harmful effects.

You can protect your pages against these attacks and their effects by restricting execution to code portions either legitimized by the domain to which they belong or by a unique integrity token. The code that does not corresponding to this security policy will not be executed and the user will be informed.

You can learn more about XSS attacks on the Open Web Application Security Project (OWASP) Website.

Configure a "Content-Security-Policy" (CSP) HTTP header

Set up a "Content-Security-Policy" (CSP) HTTP header to prevent or limit damage caused by an XSS attack. To specify a security policy configure your server so the response of the first resource contains the "Content-Security-Policy" HTTP header.

Here's an example:

Content-Security-Policy: script-src 'self' https://apis.google.com

Example

In this case, only scripts coming from the current host or https://apis.google.com will be executed.

Read more about the CSP HTTP header. You can also look at the CSP directives specification.

Please, be careful, if the header is misconfigured, some of your content, scripts, or styles may be blocked. That could cause unwanted side effects. Moreover, the restrictions apply to all pages of the website. We recommend you test the different pages of your website before deploying this header in your production environment.

No Content Security Policy on this page: it is more easily exposed to XSS attacks.



#2480

This page is exposed to "clickjacking" type attacks

Keep malicious people from integrating your pages into their websites.

Clickjacking explained

This kind of attack happens when your page gets integrated with a malicious website via <frame> or <iframe> tags. By doing this, attackers can persuade users that they are on your own page when they are not. The unsuspecting user may enter personal information that is visible on and thus vulnerable to the malicious website.

To avoid this, always indicate which domains have permission to integrate your pages.

How to prevent clickjacking?

There are two main ways to prevent that behavior.

1/ Configure a "X-Frame-Options" HTTP header. Configure your server so the main resource response includes the "X-Frame-Options" HTTP header.

Three values may be defined:

- DENY to prevent any frame or iframe from integrating the page;
- SAMEORIGIN to authorize only frames from the same domain name;
- ALLOW-FROM uri to indicate the domains allowed to integrate a page into frame (however is not compatible with some browsers)

2/ Define an explicit frame-ancestors directive into a Content-Security-Policy HTTP Header. "frame-ancestors" directive is a newer, hence supported by fewer browsers, approach that will allow your website to authorize multiple domains instead of only the current origin. Setting this directive to 'none' is similar to X-Frame-Options: DENY .

Which approach to choose? If you only have the current domain to allow, do set up the two security features, for better compatibility with older browsers. If you want to allow multiple domains, you should only implement the frame-ancestors security policy.

Neither the "X-Frame-Options" HTTP header nor the "frame-ancestors" security police are configured on this page; you are more likely to be exposed to clickjacking.

The other tips

0/100 #2482

Block access to the entire page when an XSS attack is suspected

Make sure that the user's browser does all it can to prevent an XSS-type attack.

XSS attacks

An XSS-type attack (XSS stands for Cross-Site Scripting) aims at injecting content into the page.

Recent browsers have an integrated protection against XSS attacks. However, this protection can be disabled. To prevent any harm to the user, we recommend that you force the activation of the XSS Protection, and should an XSS attack be detected, block access to any of the page content.

Solution: configure an "X-XSS-Protection" HTTP header

Add the "X-XSS-Protection" HTTP header with "1; mode=block" as value (1 to indicate the activation, and mode=block to indicate that the entire page must be blocked if a problem occurs).

The XSS protection is disabled on this page.



0/100 #2485

Disable the auto detection of resource type

Protect yourself from malicious exploitation via MIME sniffing.

MIME-Type sniffing explained

Internet Explorer and Chrome browsers have a feature called "MIME-Type sniffing" that automatically detects a web resource's type. This means, for example, that a resource identified as an image can be read as a script if its content is a script.

This property allows a malicious person to send a file to your website to inject malicious code. We advise you to disable the MIME-Type sniffing to limit such activity.

How to prevent MIME-Type sniffing

Configure a "X-Content-Type-Options" HTTP header. Add the "X-Content-Type-Options" HTTP header in the responses of each resource, associated to the "nosniff" value. It allows you to guard against such misinterpretations of your resources.

On this page, you should configure the following resources, that risk being misinterpreted:

Resources from "pizoneinfotech"

- http://pizoneinfotech.com/pizoneinfotech.com/demo/orevon-test/index.html
- http://pizoneinfotech.com/pizoneinfotech.com/demo/orevon-test/css/style.css
- http://pizoneinfotech.com/pizoneinfotech.com/demo/orevon-test/css/fonts.css
- pizoneinfotech.com/pizoneinfotech.com/demo/orevo[...]/mobile-nav/mobile-nav.js
- http://pizoneinfotech.com/pizoneinfotech.com/demo/orevon-test/js/main.js
- pizoneinfotech.com/pizoneinfotech.com/demo/orevo[...]onts/FuturaStd-Medium.otf
- pizoneinfotech.com/pizoneinfotech.com/demo/orevo[...]/fonts/FuturaStd-Book.ttf

Resources hosted by a third-party

It appears these files are hosted by a third-party, so they may not be within your control. However, you should consider any alternative to these resources to improve your page performance.

- fonts.googleapis.com/css?family=Montserrat:300,4[...]600,700,800&display=swap
- https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css
- cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.[...]css/font-awesome.min.css
- https://cdnjs.cloudflare.com/ajax/libs/animate.css/3.7.2/animate.min.css
- cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.[...]ets/owl.carousel.min.css
- https://cdnjs.cloudflare.com/ajax/libs/jquery/3.4.1/jquery.min.js
- $\bullet \quad https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.bundle.min.js$
- cdnjs.cloudflare.com/ajax/libs/jquery-migrate/3.[...].0/jquery-migrate.min.js
- https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/owl.carousel.min.js
- $\bullet \ \ https://cdnjs.cloudflare.com/ajax/libs/jquery-easing/1.4.1/jquery.easing.min.js$
- https://cdnjs.cloudflare.com/ajax/libs/wow/1.1.2/wow.min.js
- https://cdnjs.cloudflare.com/ajax/libs/typed.js/2.0.11/typed.min.js
- cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.[...]me-webfont.woff2?v=4.7.0

Did you know?



#2474

17 resources on this page are for public use

By default, the browser accepts to perform AJAX requests, or to retrieve web fonts, only on the same domain name of the page. So a font provided by toto.com can only be used by the pages of toto.com. This prevents misuse of your resources by any site.

Some resources are public, and explicitly want to be available to everyone (eg Google Fonts). In this case, the HTTP header Access-Control-Allow-Origin can be used with the value "*". You should, however, use this property if your resource has aimed to be used by the greatest number. Otherwise, we recommend that you keep the default, or set a specific domain name in the "Access-Control-Allow-Origin" HTTP header.

You should be aware of the following resources, that use a Access-Control-Allow-Origin: * HTTP header. Make sure they are actually intended to be used by pages from all domain names:

It appears these files are hosted by a third-party, so they may not be within your control. However, you should consider any alternative to these resources to improve your page performance.

- fonts.googleapis.com/css?family=Montserrat:300,4[...]600,700,800&display=swap
- https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css
- cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.[...]css/font-awesome.min.css
- https://cdnjs.cloudflare.com/ajax/libs/animate.css/3.7.2/animate.min.css
- cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.[...]ets/owl.carousel.min.css
- https://cdnjs.cloudflare.com/ajax/libs/jquery/3.4.1/jquery.min.js
- https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.bundle.min.js
- cdnjs.cloudflare.com/ajax/libs/jquery-migrate/3.[...].0/jquery-migrate.min.js
- https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/owl.carousel.min.js
- https://cdnjs.cloudflare.com/ajax/libs/jquery-easing/1.4.1/jquery.easing.min.js
- https://cdnjs.cloudflare.com/ajax/libs/wow/1.1.2/wow.min.js
- https://cdnjs.cloudflare.com/ajax/libs/typed.js/2.0.11/typed.min.js
- $\bullet \ \ https://fonts.gstatic.com/s/montserrat/v14/JTUSjIg1_i6t8kCHKm459Wlhyw.woff2$
- $\bullet \ \ https://fonts.gstatic.com/s/montserrat/v14/JTURjIg1_i6t8kCHKm45_cJD3gnD_g.woff2$
- https://fonts.gstatic.com/s/montserrat/v14/JTURjlg1_i6t8kCHKm45_dJE3gnD_g.woff2
 https://fonts.gstatic.com/s/montserrat/v14/JTURjlg1_i6t8kCHKm45_bZF3gnD_g.woff2
- cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.[...]me-webfont.woff2?v=4.7.0

#2553

Do all third parties resources deliver the right content?

This page loads data from third parties, you should ensure their integrity.

SubResource Integrity (SRI)

Use SRI to ensure that a third party resource has not been tampered. Add the integrity attribute to <script and clink tags loading this kind of resource. Example:

```
<script src="https://exemple.com/exemple-framework.js"
integrity="sha384-oqVuAfXRKap7fdgcCY5uykM6+R9GqQ8K/uxy9rx7HNQIGYI1kPzQho1wx4JwY8wC"
crossorigin="anonymous">
</script>
```

Example

The integrity attribute value is equal to the base64-encoded hash (SHA) of the resource. The browser compares this hash with the downloaded content in order to determine if the resource matches the expected content.

You can create the SHA thanks to several tool. In command line, you can use openssl. You can also test some online tools, as srihash.org or report-uri.io. Learn more about SubResource Integrity.



Well done, these best practices are respected

100/100

▼ Fonts are loaded early

#2360

Internet Explorer will block the rendering of the page until the font has loaded. If <script> tag is placed before the font, the page will not display anything as long as script and fonts are not downloaded.

Well done, your fonts are loaded before your scripts.



Did you know?

#2303

More informations about jQuery performance

jQuery is the most used JavaScript library. Upgrade your website performance respecting the jQuery best practices. We recommend that you learn the basics of the jQuery performance, reading the following link: http://learn.jquery.com/performance/.

Well done, these best practices are respected

100/100

✓ No DOM manipulation inside loops detected

#2299

Working directly with the DOM has a cost. If you have to add elements to a node, you should prefer to append them once rather than one by one.

Well done, none of your loop contains a jQuery append method.

100/100

You do not use excessive specificity on selectors

#2302

Using too specific jQuery selectors impacts performance: see more information. Here is an example of a good use of the library:

```
$( ".data table.firstClass td.secondClass" );

// Better: Drop the middle if possible

$( ".data td.secondClass" );
```

This page does not contain too specific selectors, this is a good practice.

100/100

Only one version of jQuery is loaded

#2470

 $Loading\ j Query\ several\ times\ increases\ the\ page\ weight\ and\ complexify\ the\ maintainability\ of\ the\ code.$

This page uses only one jQuery version, so it follows the best practice recommandation.